

[wherein: R1 = -(CH<sub>2</sub>)<sub>1-2</sub>-S(O)<sub>0-2</sub>-(C1-6 alkyl) or (un)substituted (cyclo)alkyl, alk(en/yn)yl, (hetero)aryl, etc.; R2 = H, C1-6 alkyl optionally substituted with 1-3 substituents, (CH<sub>2</sub>)<sub>0-4</sub>-(hetero)aryl, C2-6 alk(en/yn)yl, etc.; R3 = H, C1-6 alkyl optionally substituted with 1-3 substituents, (CH<sub>2</sub>)<sub>0-4</sub>-(hetero)aryl, etc.; R4 = C1-10 alkyl optionally substituted with 1-3 substituents, -(CH<sub>2</sub>)<sub>0-3</sub>-cycloalkyl, -(CR<sub>7</sub>R<sub>8</sub>)<sub>0-4</sub>-(hetero)aryl, etc.; one of R5 and R6 is H and the other is -C(O)(CR<sub>9</sub>R<sub>10</sub>)<sub>1-6</sub>-X-R<sub>11</sub>, etc.; R7 and R8 are independently selected from H, alkyl, hydroxyalkyl, alk(en/yn)yl, etc.; R9 and R10 are independently selected from H or C1-10 alkyl; R<sub>11</sub> = (hetero)aryl, optionally substituted C1-10 alkyl, or C3-8 cycloalkyl, etc.; X = O, S, SO<sub>2</sub>, etc.]. Compds. I include inhibitors of beta-secretase enzyme useful in the treatment of Alzheimer's disease and other diseases characterized by deposition of A beta-peptide in a mammal. Biol. examples include beta-secretase inhibition, assays using synthetic oligopeptide-substrates, inhibition of A beta production in human patients, etc. For instance, compound II

(preparation 8)

was prepared via amidation of benzoic acid derivative III by diamino(hydroxy)propane derivative IV and subsequent Boc-cleavage (no yield data). Using 19F-NMR an intramol. acyl-migration was observed when compound II was dissolved in DMSO-d<sub>6</sub> and pH 4 buffer solution was added.

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